Datasheet for ABIN7246244

anti-GK5 antibody

2 Images

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Overview

Quantity:	200 µL
Target:	GK5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GK5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Full length fusion protein
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	GK5
Alternative Name:	GK5 (GK5 Products)
Background:	GK5(Putative glycerol kinase 5) is also named as ATP:glycerol 3-phosphotransferase 5 and belongs to the FGGY kinase family.It is involved in Glycerol metabolism and catalyzes the phosphorylation of glycerol by ATP, yielding ADP and glycerol-3-phosphate.It has 3 isoforms produced by alternative splicing with the MW of 59 kDa, 34 kDa and 28 kDa.

Target Details

Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 59 kDa
UniProt:	Q6ZS86

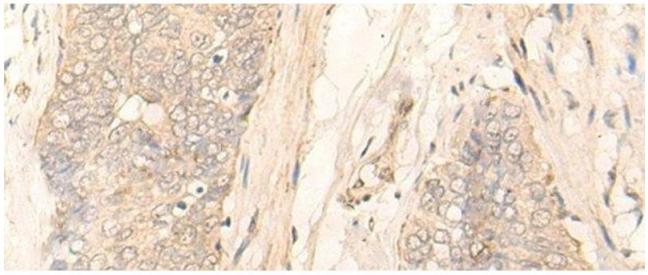
Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.26 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using GK5 Polyclonal Antibody at dilution of 1:35(x200)

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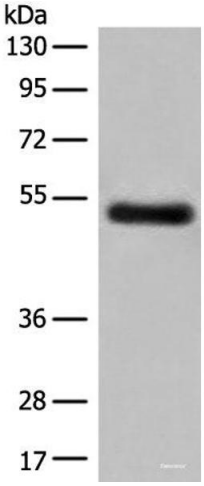

Western Blotting

Image 2. Western blot analysis of Human breast cancer tissue lysate using GK5 Polyclonal Antibody at dilution of 1:500

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